

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/IB2004/050544

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 H01J61/02 H01J61/34 H01J61/33

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 H01J H01K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	FR 2 758 606 A (VALEO VISION) 24 July 1998 (1998-07-24) page 8, line 28 - line 32; figures 3a, 3b page 5, columns 20-25	1, 3, 5, 11
X	EP 1 282 151 A (PHILIPS CORPORATE INTELLECTUAL PROPERTY GMBH; KONINKLIJKE PHILIPS ELEK) 5 February 2003 (2003-02-05) figure 3	1, 2, 4, 11
A	US 6 169 367 B1 (MUTO MASAOKI ET AL) 2 January 2001 (2001-01-02) the whole document	1

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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
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- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- \*A\* document member of the same patent family

Date of the actual completion of the international search

11 February 2005

Date of mailing of the international search report

23/02/2005

Name and mailing address of the ISA  
European Patent Office, P.O. 5818 Patentian 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Zuccatti, S

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>PATENT ABSTRACTS OF JAPAN vol. 014, no. 433 (E-0979), 17 September 1990 (1990-09-17) &amp; JP 02 168551 A (SEIKO EPSON CORP), 28 June 1990 (1990-06-28) abstract</p> <p>-----</p>	1

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Information on patent family members

International Application No

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
FR 2758606 A	24-07-1998	FR 2758606 A1	24-07-1998
EP 1282151 A	05-02-2003	DE 10137837 A1	13-02-2003
		CN 1405487 A	26-03-2003
		EP 1282151 A2	05-02-2003
		JP 2003068117 A	07-03-2003
		US 2003031026 A1	13-02-2003
US 6169367 B1	02-01-2001	JP 3256931 B2	18-02-2002
		JP 10321185 A	04-12-1998
JP 02168551 A	28-06-1990	NONE	